

FIG. 1A

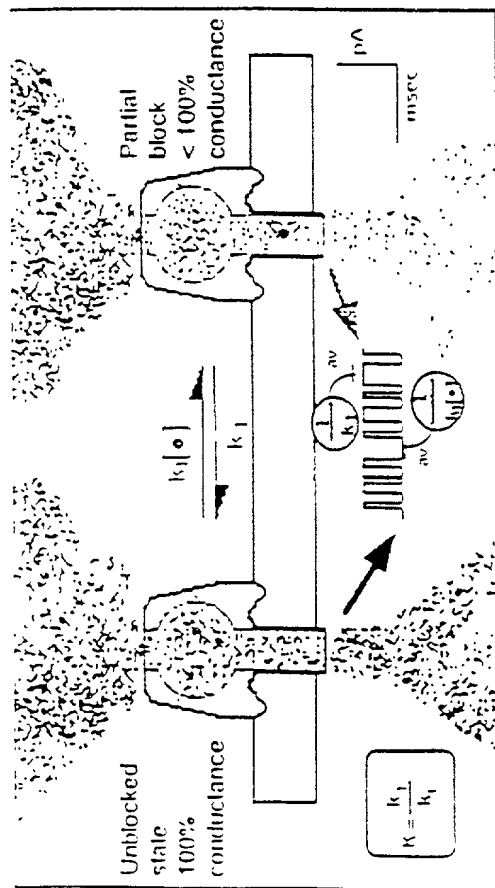


FIG. 1B₁₀

Results

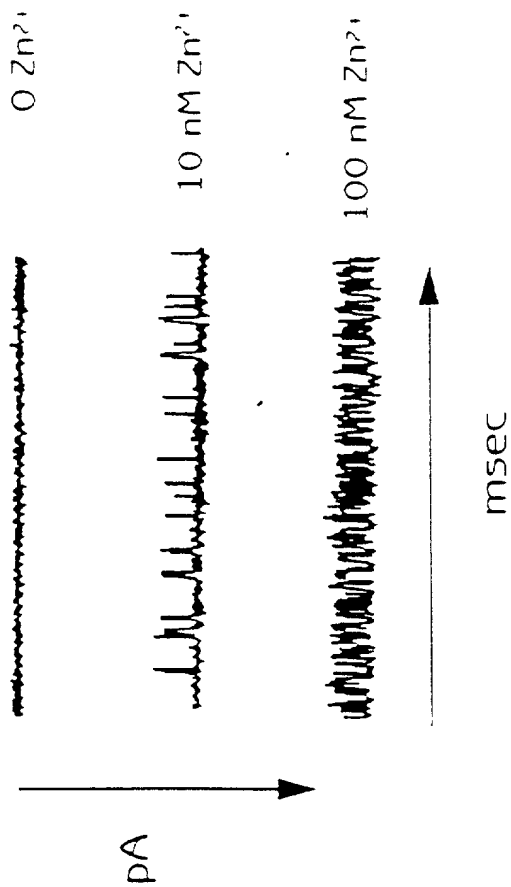


FIG. 1C

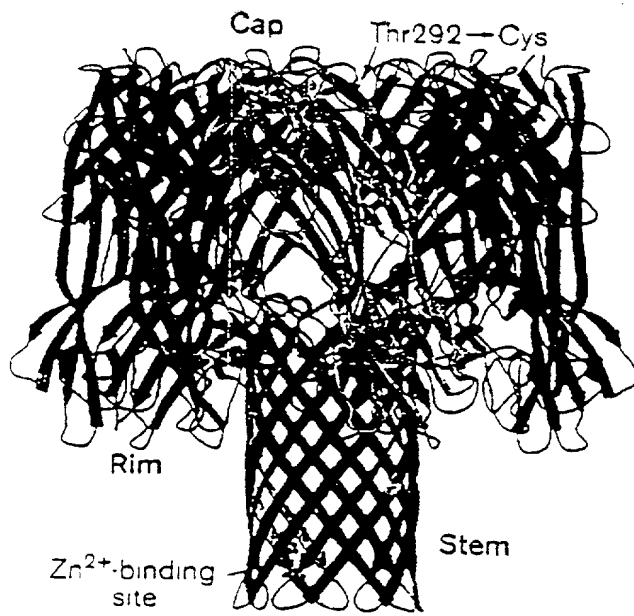


FIG. 1D

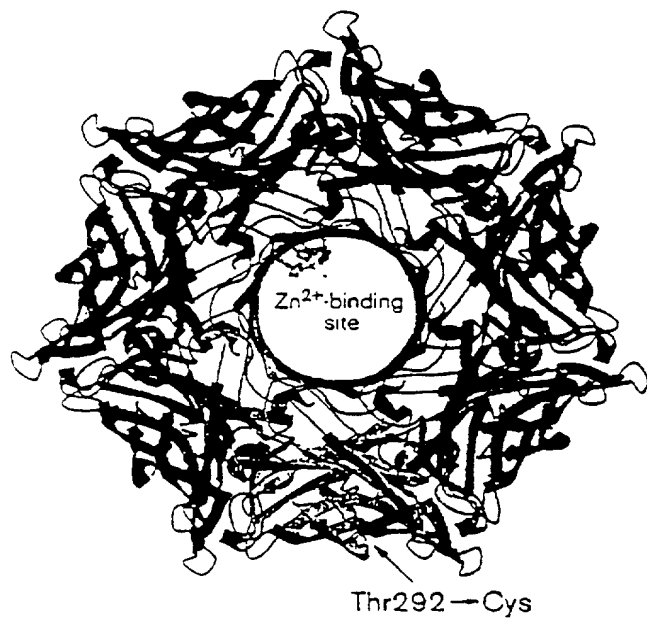


FIG. 1E

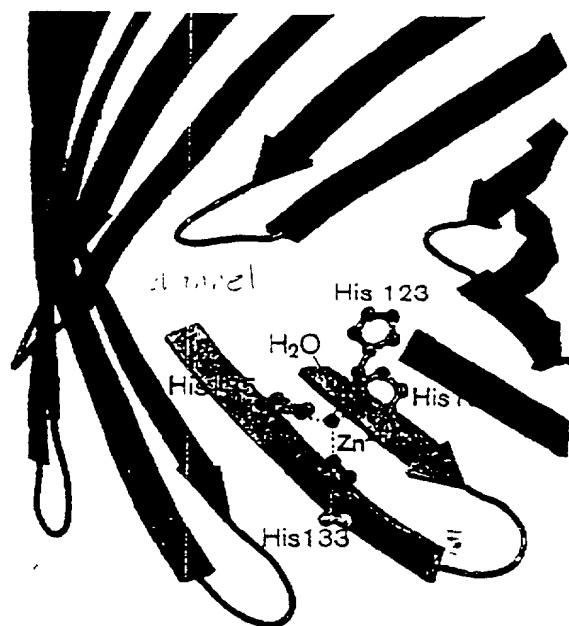


FIG. 1F

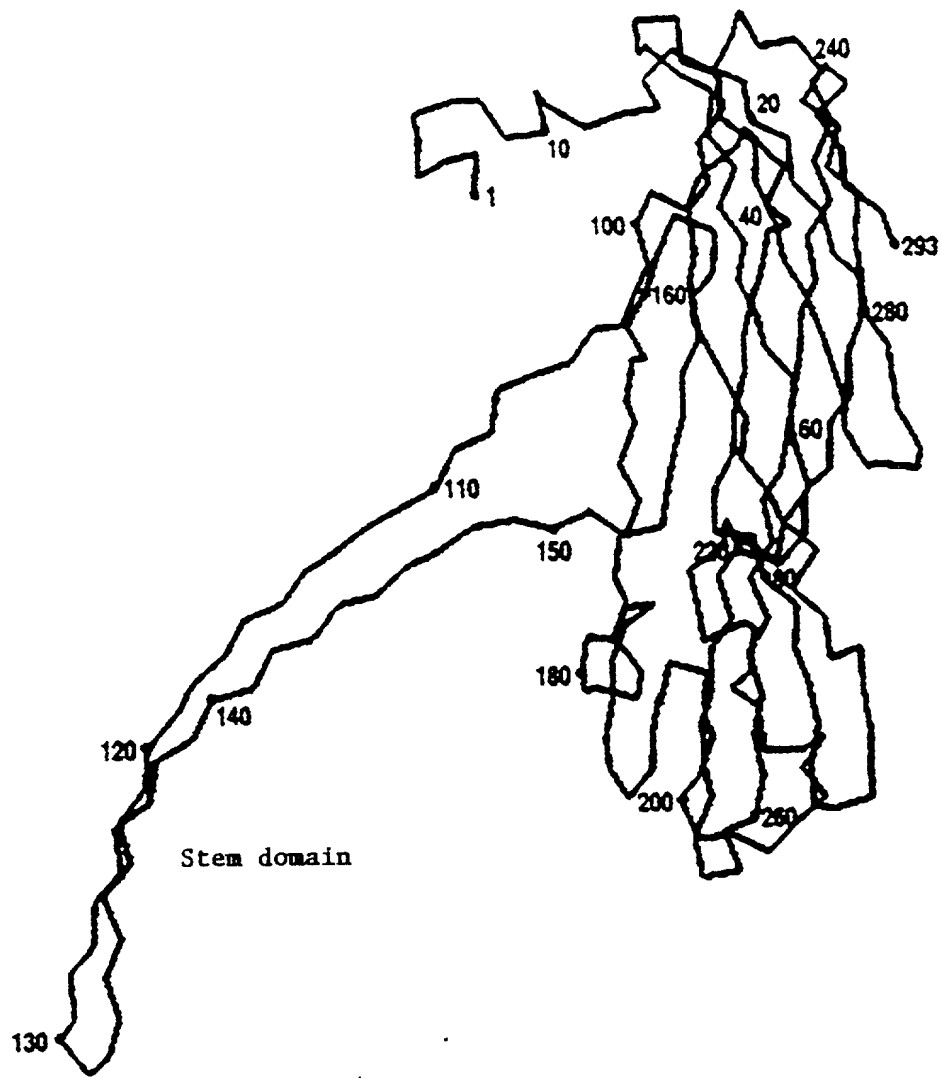


FIG. 2A









	Possible permutations	Percent occurrence at mixing ratio of:		
		5:1	1:1	1:5
WT ₅		27.9	0.78	0.0003
WT ₄ MUT ₁		39.1	5.47	0.013
WT ₃ MUT ₂		23.4	15.4	0.19
WT ₂ MUT ₃		7.81	27.3	1.56
WT ₁ MUT ₄		1.58	27.3	7.81
MUT ₅		0.19	16.4	23.4
WT ₄ MUT ₁		0.013	5.47	39.1
MUT ₅		0.0003	0.78	27.9

FIG. 2B

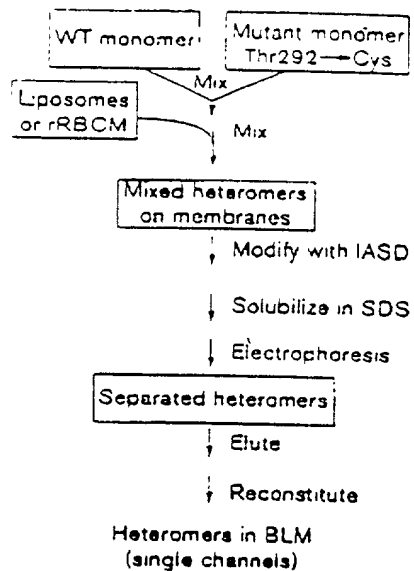


FIG. 2C

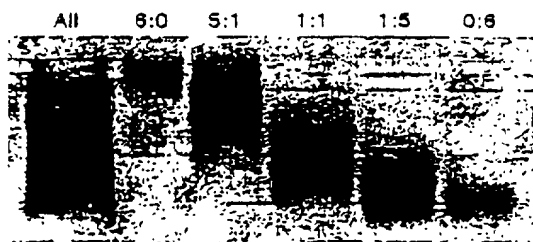


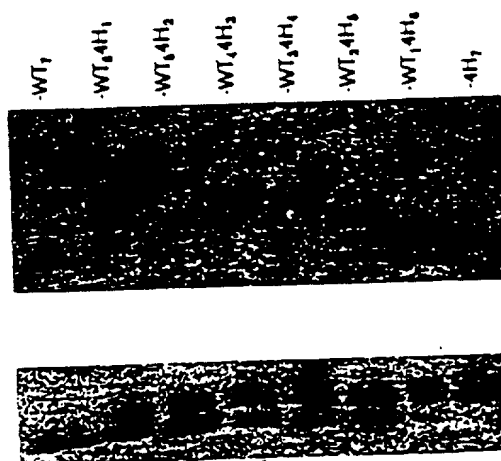
FIG. 3A



FIG. 3B



FIG. 3C



Expected ratio	6.0	2.5	1.33	0.75	0.4	0.17	
Measured ratio	6.2	2.45	1.12	0.61	0.29	0.14	
Standard deviation (n=8)	1.89	0.25	0.41	0.19	0.12	0.07	

FIG. 4A

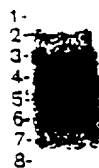


FIG. 4B

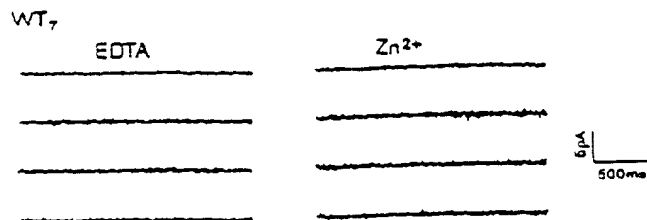


FIG. 4C

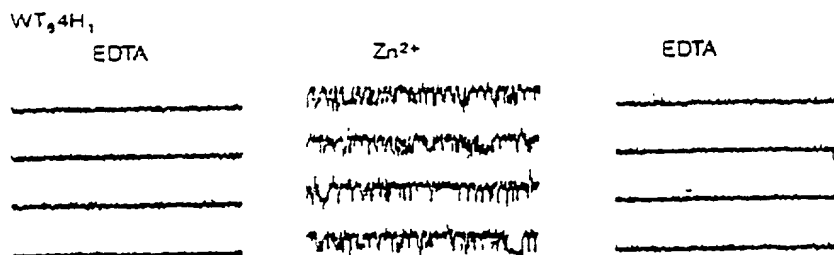


FIG. 4D

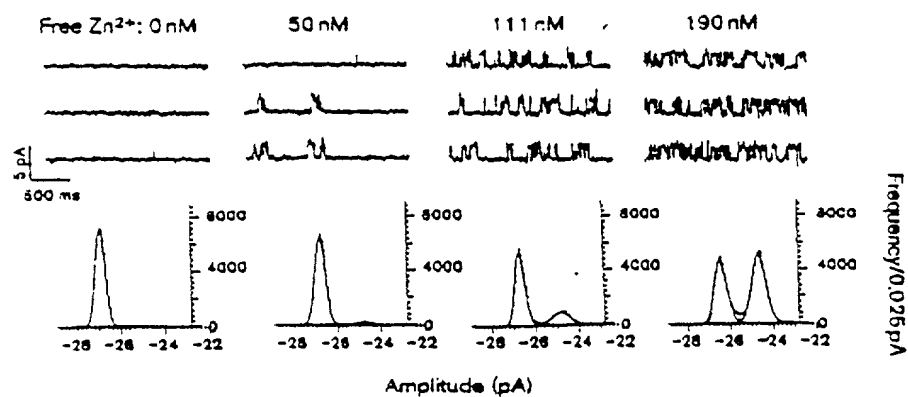


FIG. 5A

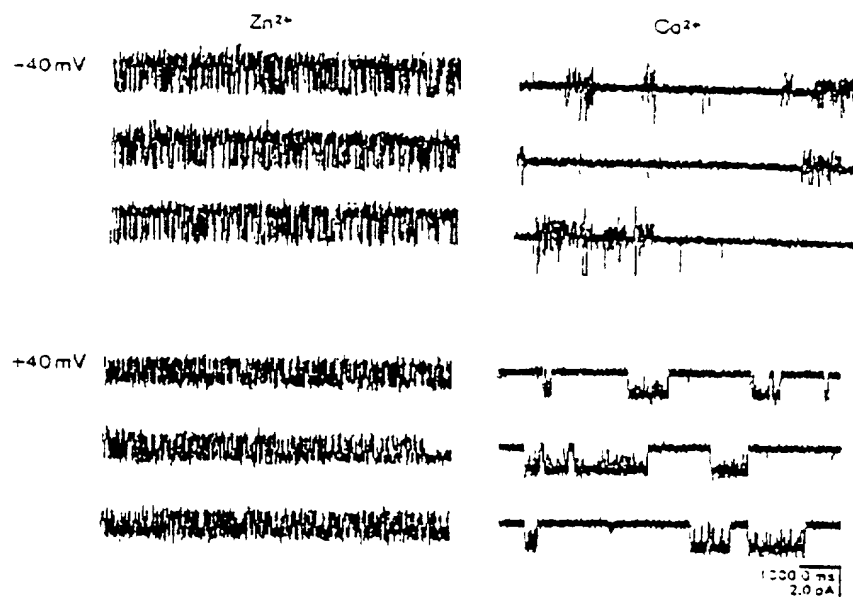


FIG. 5B

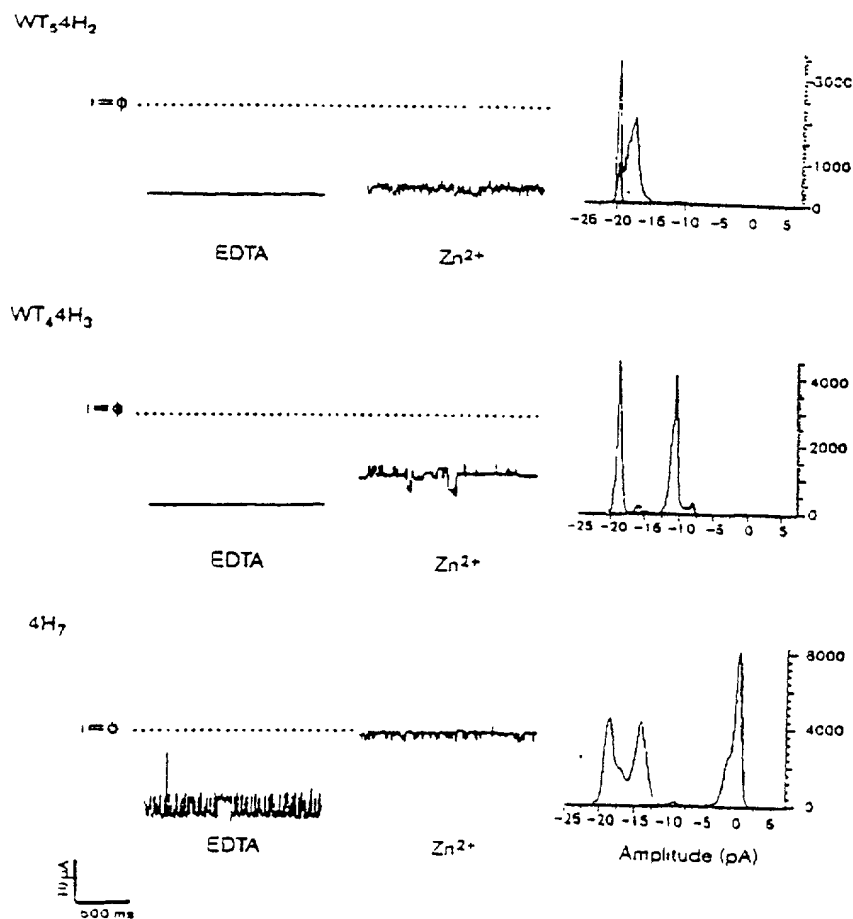


FIG. 6A

03 05 43 65 0

03 05 43 65 0

-20

IN
0.2

15



Time (ms)

1750

1500

1250

1000

750

500

250

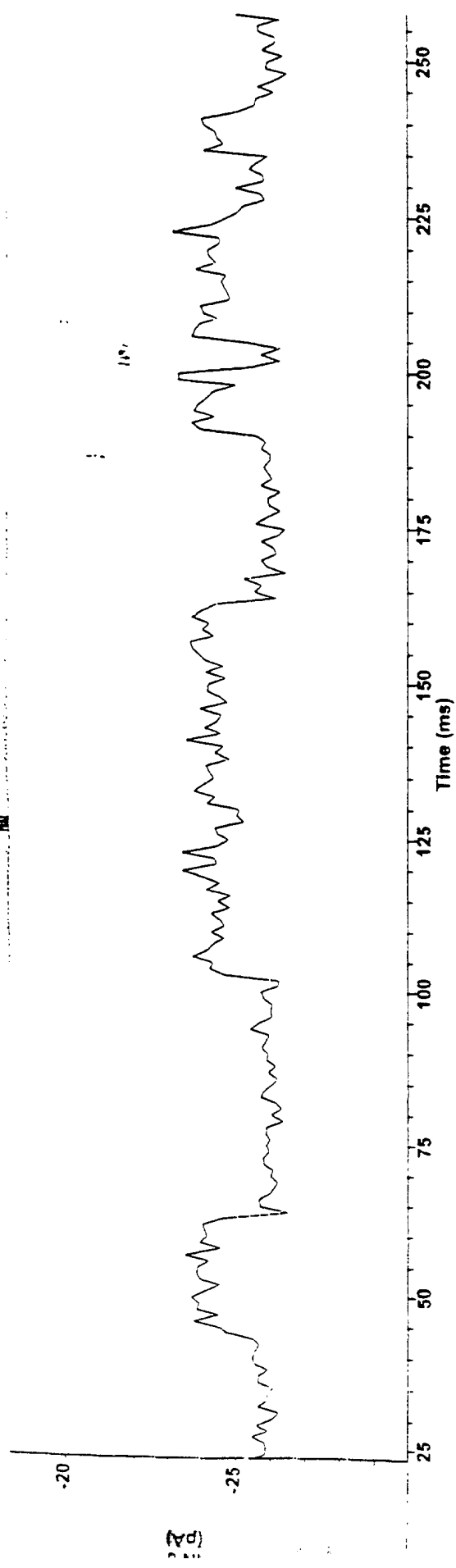
expanded

in

Fig 6B

-40mV

150 in Zn(ii)



-40mV
150mM Zn²⁺

FIG. 7A

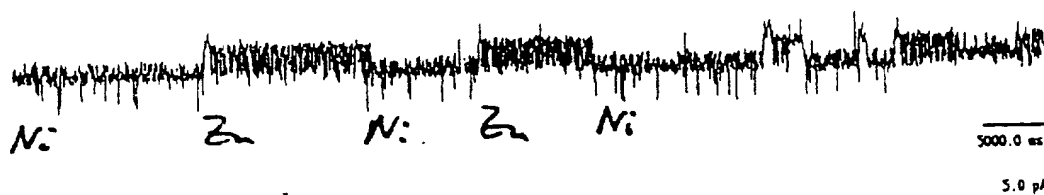
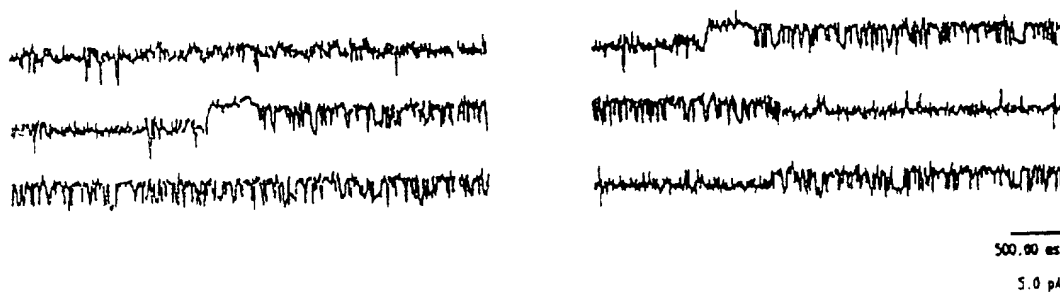


FIG. 7B



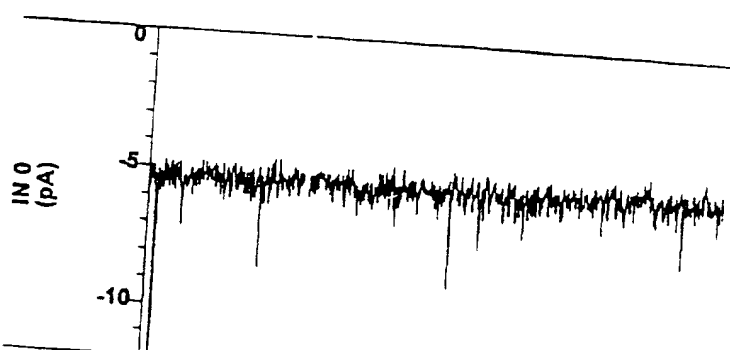
WT₆ 4H₁

-40 mV

40 + 40 nM

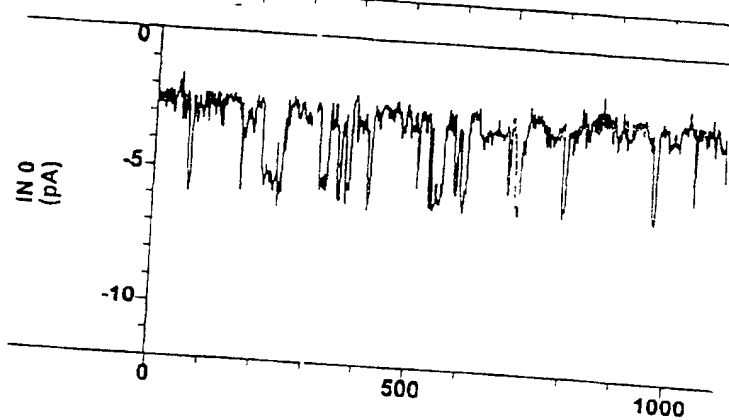
REF ID: A66460

FIG. 8A



10
TNT

FIG. 8B



1 μ M
TNT

msec

\approx
 $\sim 0.25 \mu m$